



RESOLUTION of 06 of November of 2025, of the Universitat de València, announcing the public offer of employment for different positions within this organisation with employment contracts under several lines of research.

The Rectorate of the Universitat de València, making use of the powers granted by article 50, in relation to article 3.2 of Organic Law 2/2023, of March 22, on the University System, resolves:

To open a call for the public offer of employment for several positions within this organisation with employment contracts in charge of several lines of research, as listed in the annexes of this resolution, in accordance with the following requirements:

One. General rules

1.1. The purpose of this offers is the selection of staff to fill several positions for several lines of research through the competition system.

1.2. In accordance with the provisions of Article 89 of Organic Law 2/2023, of 22 March, on the University System, this selection process must be carried out in accordance with the provisions of the aforementioned law and its implementing regulations.

The specific university regulations included in the Organic Law of the University System, the Law of Science and the Statutes of the Universitat de València, as well as in the regulations of this call, will also apply.

1.3. The selection processes for each call will be carried out through a competition that will consist of the evaluation of merits and an interview.

1.4. The allocation of positions to applicants who pass these selection processes will be carried out according to the order of points obtained, provided that they meet the requirements for each job position in the annex.

1.5. This call will be published in the Diari Oficial de la Generalitat Valenciana (DOGV), on the official notice board <https://webges.uv.es/uvTaeWeb/CambiarLenguajeDoAction.do?idioma=en&servicioNavegacion=-1&grupoNavegacion=-1> of the Universitat de València and on the website of the Human Resources Service (PAS), PAS Research Section, <https://www.uv.es/uvweb/administrative-service-staff/en/research-staff/calls/introduction-1285931138641.html>.

Publication in the DOGV will be taken as a reference for the purposes of calculating the deadlines for the submission of applications.

The other publications that derive from the events that form the selection process will be published on the official notice board and on the website of the Human Resources Service (PAS), PAS research section.

Two. General requirements for applicants

Applicants must meet the following requirements to be admitted:

2.1. Be a Spanish national, a national of a member country or be from any of the states in which, by virtue of international treaties established by the European Union and ratified by Spain, free movement of workers applies in the terms by which this legislation is defined in the Treaty of the European Union. In this event, it is necessary to submit proof of having applied for an EU residence card.

Likewise, applicants of nationalities other than those mentioned above may apply and will only need to meet the requirements established in current regulations. Applicants who are



allocated positions offered must provide proof of at least their work and residence permit at the time of hiring.

2.2. Be at least 16 years old on the day of the closing date of the application submission period.

2.3. Hold one of the academic qualifications that appear in the annex corresponding to the call applied to, or be in a position to obtain the corresponding qualification on the closing date of the application submission period.

In the event that qualifications have been obtained abroad, at the time of hiring, it is necessary to be in possession of documents showing official homologation or declaration of equivalence in Spain, and a photocopy of the same must be attached to the application.

When qualifications have not been officially homologated or declared as equivalent, this requirement may be replaced by proof of having started the process for homologation or declaration of equivalence. The contract will be terminated if the competent academic authority denies homologation, understanding an application to be denied when it is conditioned to the fulfilment of certain requirements which have not been met.

2.4. When a language level is required, the Universitat de València Equivalence Table for L2 certification https://www.uv.es/sgeneral/Reglamentacio/Doc/Estudis/2018_156_Taula_equivalencies_L2_Modif%202024.pdf, approved by the Agreement of the Consell de Govern de la Universitat de València of July 10, 2018 (ACGUV 156/2018) will be used for its evaluation. Language courses will not be evaluated, only the levels attained.

2.5. Not suffer from illness or be affected by physical or mental limitations that are incompatible with the exercise of the relevant duties.

2.6. Not be suspended from exercising public functions, or have been dismissed from any administrative or public position through disciplinary proceedings. Applicants who are not Spanish nationals must also prove that they are not subject to any disciplinary action or criminal conviction that prevents them from accessing the civil service. Failing this, a copy of an application for issuance must be provided, without prejudice to the sworn statement of the interested persons.

All these requirements must be met at the end of the application submission period and maintained during the selection process.

Applicants are responsible for the veracity of all the information stated in their application and the documentation provided, and may be liable in the event of falsehood, without prejudice to their exclusion from the selection process where relevant.

Three. Applications

3.1. Interested persons must meet the requirements indicated in the annex corresponding to the call applied to. Applicants must submit their applications, together with their CVs and documents showing their alleged merits through the electronic application form that the Universitat de València will make available to them and for which the link (URL) will be published on the Human Resources Service (PAS), PAS Research Section website <https://www.uv.es/uvweb/administrative-service-staff/en/research-staff/calls/introduction-1285931138641.html>, from the day when this resolution is published in the DOGV.

To complete the application form, the Universitat de València has made a guide available to interested persons that can be accessed at the following guide: <https://www.uv.es/uvweb/administrative-service-staff/en/research-staff/-guide-fill-application-form/application-guidelines-1286178596863.html>.



Those who have any difficulties carrying out the electronic procedure can access the Universitat de València ICT support tool via the following link: <https://www.uv.es/virtual-office/en/incidencies-i-comunicacions/incidencies-i-comunicacions.html>. For any other questions about the details of this call, please contact the team at the Human Resources Service (PAS), PAS Research Section, through the following link: https://tiqueting.uv.es/create-ticket?goto=form&organization=30&department=48&team=327&ticket_type=439&type=both.

3.2. The application submission period will close 10 business days from the next business day following the publication of this resolution in the Diari Oficial de la Generalitat Valenciana (DOGV).

Four. Documentation to be attached electronically

Several documents must be attached to the electronic form, preferably in PDF format. The said documentation must be inserted in the tabs and space allocated to it. As follows:

4.1. The PDF document of academic certificates or the receipt of issuance fees must be inserted in the fourth tab. In the case of foreign certificates, it will be necessary to show proof of the relevant recognition or equivalence, or have initiated procedures for the same.

Other PDF documents that show any other requirements necessary for the call must also be inserted in this tab.

4.2. The PDF document of the National Identity Document (DNI), Passport or Foreigners' Identification Number (NIE) must be inserted in the fifth tab. These last two documents are only required if the applicant is not a Spanish national.

4.3. The CV must also be inserted in the fifth tab as a PDF document or ZIP, through the moat the set out at the following link: <https://www.uv.es/uvweb/administrative-service-staff/en/research-staff/-guide-fill-application-form/sample-curriculum-vitae-1286178597054.html>.

It will not be necessary for the attached documents to be duly certified at this point in the procedure. A sworn statement made by the interested person on the authenticity of everything stated in the application and the attached documents will be sufficient, without prejudice to the fact that the committee or Universitat de València may require applicants to prove the veracity of the circumstances and documents provided, and evaluated, at any time.

Five. Selection system

5.1. The selection process will be composed of a competition consisting of the evaluation committee's assessment of the applicants' curricular merits, and, where appropriate, conducting an interview.

Merits will be evaluated in accordance with the scale that appears in the annex corresponding to the call applied to. Merits for which proof has not been provided within the application submission period will not be taken into account for the resolution of the competition.

5.2. The committee may, if deemed appropriate, conduct an interview with the applicants. The number of applicants who continue to the interview phase will be determined by the criteria of the evaluation committee.

5.3. Once the selection process has ended, the applicants' scores will be published and proposals for hiring will be carried out through the Universitat de València official notice board



<https://webges.uv.es/uvTaeWeb/CambiarLenguajeDoAction.do?idioma=en&servicioNavegacion=-1&grupoNavegacion=-1> and on the website. <https://www.uv.es/uvweb/administrative-service-staff/en/research-staff/calls/introduction-1285931138641.html>.

5.4. The allocation of positions called will be carried out by resolution of the management, and will also be published on the notice board and the website mentioned in point 5.3. of this regulation.

5.5. The evaluation committee may declare the selection procedure void in the event that, after evaluating the merits and, where appropriate, conducting interviews, the profiles of the candidates with the best scores do not fully meet the profile of the position and the needs of the research line.

5.6. The job pools that derive from these selection processes will remain in force for the duration of the research line for which the calls were opened. Calls to applicants will be made according to the order of the pool.

Six. Evaluation Committee

6.1. The evaluation committee is that which appears in the annex corresponding to each call.

6.2. The provisions of the Agreement of the Consell de Govern de la Universitat de València (ACGUV/303/2021) which approves the roadmap on public integrity measures, prevention and fight against fraud, corruption and conflicts of interest will apply to the members of this committee.

To this end, they must complete the relevant declaration of absence of conflict of interest (DACI), which will be attached to the committee's constitution certificate, and form part of the administrative file. There will be a moat the standardised by the Universitat de València on the following website: <https://www.uv.es/uvweb/administrative-service-staff/en/research-staff/internal-management-recruitment/dacis-1286158520581.html>.

6.3. The committee will clarify all questions that may arise in the application of these rules and everything that must be done in unforeseen cases.

6.4. The committee's procedure for action will meet the provisions of Law 40/2015, of 1 October, on the Legal Regime of the Public Sector at all times.

6.5. For communication and any problems that may arise, the evaluation committee's office will be located in the place indicated in the annex corresponding to the call applied to.

Seven. Hiring

7.1. Once the selection processes of this call have been completed, the contracts will be executed in writing and the most appropriate contractual arrangements from those in force at the time of this execution will be used for the purpose of the same.

7.2. The start date will be set out in the proposed contract, depending on the needs of the line of research and provided that it is administratively feasible.

7.3. Contracts may be terminated for any of the causes provided for in the Workers' Statute or in other applicable legislation, in addition to those stated in the contract itself. Among these, the following will be established:

7.3.1. Completion or exhaustion of the budget allocation.

7.3.2. Completion of the tasks assigned to the employee's position within the project.

7.3.3. Completion of the project.

Eight. Information on collected data



8.1. The Universitat de València is the entity responsible for the data provided by applicants for this selection process. The information received will be exclusively processed for the purposes of the call in addition to subsequent staff management, where appropriate, in accordance with the provisions of existing data protection regulations.

Part of the data may be published on the Official Notice Board of the Universitat de València and on the website of the Research Management Section. In addition, data will also be transferred to the members of the evaluation committee for the assessment of merits and, where relevant, to resolve any complaints made.

8.2. Those who wish to access the selection process file and consult the data of other applicants must previously request access from the Evaluation Committee or Human Resources Service (PAS), PAS Research Section.

In the abovementioned request they commit to keeping the duty of confidentiality of the data and using the appropriate discretion, only being able to use the data for the purpose of raising a possible complaint or allegation.

The use or disclosure of this data other than in the cases mentioned above may imply liability in accordance with current legislation.

8.3. For more information on data processing, please consult the following link: <https://www.uv.es/pasinvest/web/escrits-per-a-penjar-en-la-web/guia-presentacio-solicit/Proteccio-Datos-UV-cast.pdf>.

Nine. Language clause

The full text of this resolution and annexes have been written in English, Valencian and Spanish. All three versions are official; however, the Spanish version is to be used in case of discrepancy.

Ten. Appeals

An optional appeal for reconsideration may be filed against this resolution, which exhausts administrative remedies, before the same body that issued the resolution within a period of one month from the day following its notification or publication. A contentious-administrative appeal may be filed before the bodies of the contentious-administrative jurisdiction of the Community of Valencia within a period of two months from the day following its notification.

The appeal provided for in Law 39/2015, of 1 October, of the Common Administrative Procedure of Public Administrations may be filed against the actions of the evaluation committee.

Likewise, the administration, if appropriate, may review the resolutions of the court in accordance with the aforementioned regulation.

Valencia, 06 of November of 2025. The rector, by delegation (DOGV 30/05/2022), the Manager: Juan Vicente Climent Espí.



ANNEX I

Project: «Sabor y Origen de la Materia (Flavour and Origin of Matter). CPI-25-680». Prometeo Programme for Research Groups of Excellence of the Ministry of Innovation, Universities, Science and Digital Society (currently: Ministry of Education, Culture, Universities and Employment), (CIPROM/2022/69), called by Resolution of October 6, 2022, for the year 2023, in charge of the research line: «Sabor y Origen de la Materia».

Public offer of employment for a senior PhD researcher position.

1. General conditions of the position offered

1.1. Job title and classification:

Senior PhD researcher.

Group: A.

Subgroup: A1

1.2. Working hours: 37 hours per week.

1.3. Provision of the grant: the purpose of this grant will be to fund the salary, among other items. The monthly gross salary, full time, will be 3,146.55 (12 payments).

1.4. Functions and tasks to be carried out:

- Study of meson decay factors relevant to the physics of flavor and non-perturbative renormalization of QCD, particularly the quantities used to calibrate the scale and their extrapolation to the continuum.

- Use of these data to study the scaling properties of the various actions used by the different collaborations.

1.5. Purpose and duration: study of the non-perturbative renormalization of QCD and its implications in flavour physics.

The contract will be determined by the duration of the line of research and budgetary availability.

Once the duration of this first project or its budget availability has ended, the person who is awarded the place may join other projects belonging to the same line of funded research.

1.6. Requirements

1.6.1. Qualifications: PhD.

2. Scale

2.1. Scientific Production (up to 40 points): thesis supervision, publication of scientific articles, books, book chapters and monographs and presentation of work in scientific meetings will be evaluated according to the Scale for the evaluation of the current Annual Research Report at the time of the publication of the call.

2.2. Preferential merits related to the purpose of the contract (up to 20 points): the Tribunal may agree to conduct an interview in order to better specify the evaluation of preferential merits.

- PhD in Physics.
- Experience in Lattice gauge theories.
- Experience in quantum chromodynamics (QCD).
- Experience in non-perturbative renormalization.
- Experience using parallel computing infrastructures and graphics accelerators.

2.3. Participation in competitive research projects (up to 15 points):



2.3.1. For each year of certified participation as a full-time team member of research projects in competitive calls of the National R&D Plan or Autonomous Programmes, 3 points will be assigned.

2.3.2. For each year of certified participation as a team member of European research projects, 5 points will be assigned.

2.4. Participation in knowledge transfer activities (up to 15 points):

2.4.1. For each year of certified participation as a full-time team member of contracts and agreements to carry out research projects, 3 points will be assigned. Services, consulting and training activities are excluded from this scale.

2.4.2. For appearing as co-inventor/co-author of patents, utility models or other types of industrial or intellectual property, 5 points will be assigned.

2.5. Postdoctoral stays at universities and research centres other than the centre where the doctoral thesis was obtained (up to 10 points):

2.5.1. For each certified year of stays at other universities and research centres funded by competitive calls of the European Framework Programme, National R&D Plan or Autonomous Programmes, 5 points will be assigned. The stays must have a minimum duration of 30 consecutive days.

2.5.2. For each certified year of stays at other universities and research centres without competitive funding, 2 points will be assigned. The stays must have a minimum duration of 30 consecutive days.

3. Evaluation committee members

President: Nuria Rius Dionis , professor at the Departament Física Teòrica.

Member 1: Andrea Donini, researcher at the Institut de Física Corpuscular.

Member 2: Francisco Javier Garcia Haro, professor at the Departament Física de la Terra i Termodinàmica.

Member 3: Gabriela Alejandra Barenboim Szuchman, professor at the Departament Física Teòrica.

Secretary: Jose Manuel Bordes Villagrasa, professor at the Departament d'Astronomia i Astrofísica.

4. Alternate evaluation committee

President: M. Pilar Hernandez Gamazo, professor at the Departament Física Teòrica.

Member 1: Jacobo Lopez Pavon, professor at the Departament Física Teòrica.

Member 2: Miguel Angel Martinez Beneito, professor at the Departament d'Estadística i Investigació Operativa.

Member 3: Maria Jesus Hernandez Lucas, professor at the Departament Física de la Terra i Termodinàmica.

Secretary: Miguel Angel Aloy Toras, professor at the Departament d'Astronomia i Astrofísica.

For communication and any problems that may arise, the evaluation committee will be based at the Institut de Física Corpuscular (IFIC), of the Universitat de València.

ANNEX II

Project: «Estudio del microambiente tumoral para superar la resistencia a las terapias dirigidas en el cáncer pulmonar. CPI-25-681», co-financed by the State Research Agency -



AEI-, Ministry of Science, Innovation and Universities and by the European Union through the European Regional Development Fund -ERDF-, in charge of the research line: «Terapias moleculares en cáncer pulmonar u otras patologías».

Public offer of employment for a junior PhD researcher position.

1. General conditions of the position offered

1.1. Job title and classification:

Junior PhD researcher.

Group: A.

Subgroup: A1.

1.2. Working hours: 37 hours per week.

1.3. Provision of the grant: the purpose of this grant will be to fund the salary, among other items. The monthly gross salary, full time, will be 2,392.82 euros (12 payments).

1.4. Functions and tasks to be carried out:

- Development of animal models for cancer research and other pathologies.
- In vitro culture of tumor cells.
- Determination of the expression of genes and proteins of interest using RT-PCR, Western blot, ELISA, and flow cytometry.
- Immunophenotyping of leukocytes using flow cytometry.
- Functional assays in mice.

1.5. Purpose and duration: development of animal models for cancer research and other pathologies.

The contract will be determined by the duration of the line of research and budgetary availability.

Once the duration of this first project or its budget availability has ended, the person who is awarded the place may join other projects belonging to the same line of funded research.

1.6. Requirements

1.6.1. Qualifications: PhD.

1.6.2. Qualification: Degree in Health Sciences.

The qualification must have been obtained a maximum of 4 years prior to the publication of the call; the date when the PhD was awarded will be understood as the date of reading and passing the doctoral thesis.

1.6.3. English: B2 level certificate.

1.6.4. Valencian: C1 level certificate.

1.6.5. Professional accreditation of category, A, B, C, D, on animals used for experimentation and other scientific purposes in accordance with RD 53/2013 and Order ECC/566/2015.

2. Scale

2.1. Scientific Production (up to 40 points): thesis supervision, publication of scientific articles, books, book chapters and monographs and presentation of work in scientific meetings will be evaluated according to the Scale for the evaluation of the current Annual Research Report at the time of the publication of the call.

2.2. Preferential merits related to the purpose of the contract (up to 20 points): the Tribunal may agree to conduct an interview in order to better specify the evaluation of preferential merits.



- PhD in Health Sciences.
- Master in Biomedicine.
- Experience in molecular biology laboratory techniques.
- Experience in the design and execution of research projects using mice.
- Scientific publications in the field.
- Presentations at conferences in the field.
- Predoctoral contract (FPU, FPI, or other equivalent funding).
- Collaboration grants and other research grants.
- Participation in competitive research projects.
- Research stays at prestigious and international centers.

2.3. Participation in competitive research projects (up to 15 points):

2.3.1. For each year of certified participation as a full-time team member of research projects in competitive calls of the National R&D Plan or Autonomous Programmes, 3 points will be assigned.

2.3.2. For each year of certified participation as a team member of European research projects, 5 points will be assigned.

2.4. Participation in knowledge transfer activities (up to 15 points):

2.4.1. For each year of certified participation as a full-time team member of contracts and agreements to carry out research projects, 3 points will be assigned. Services, consulting and training activities are excluded from this scale.

2.4.2. For appearing as co-inventor/co-author of patents, utility models or other types of industrial or intellectual property, 5 points will be assigned.

2.5. Postdoctoral stays at universities and research centres other than the centre where the doctoral thesis was obtained (up to 10 points):

2.5.1. For each certified year of stays at other universities and research centres funded by competitive calls of the European Framework Programme, National R&D Plan or Autonomous Programmes, 5 points will be assigned. The stays must have a minimum duration of 30 consecutive days.

2.5.2. For each certified year of stays at other universities and research centres without competitive funding, 2 points will be assigned. The stays must have a minimum duration of 30 consecutive days.

3. Evaluation committee members

President: Juan Gambini Buchon, professor at the Departament de Fisiologia.

Member 1: Julian Carretero Asuncion, professor at the Departament de Fisiologia.

Member 2: Houda Berrada Ramdani, professor at the Departament de Medicina Preventiva i Salut Pública, Ciències de l'Alimentació, Toxicologia i Medicina Legal.

Member 3: Consuelo Borrás Blasco, professor at the Departament de Fisiologia.

Secretary: Gloria Vta. Segarra Irles, professor at the Departament de Fisiologia.

4. Alternate evaluation committee

President: Angel Luis Ortega Valero, professor at the Departament de Fisiologia.

Member 1: Salvador Mena Molla, professor at the Departament de Fisiologia.

Member 2: Ana Polache Vengut, professor at the Departament Farmàcia i Tecnologia Farmacèutica i Parasitologia.

Member 3: Nadezda Apostolova Atanasovska, professor at the Departament de Farmacologia.



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Secretary: Rafael Toledo Navarro, professor at the Departament Farmàcia i Tecnologia Farmacèutica i Parasitologia.

For communication and any problems that may arise, the evaluation committee will be based at the Departament de Fisiologia, de la Facultat de Farmàcia i Ciències de l'Alimentació, of the Universitat de València.

ANNEX III

Project: «Appore: New routes for the applications of porous materials. CPI-25-685». Prometeo Programme for Research Groups of Excellence of the Ministry of Innovation, Universities, Science and Digital Society (currently: Ministry of Education, Culture, Universities and Employment), (CIPROM/2022/48), called by Resolution of October 6, 2022, for the year 2023, in charge of the research line: «Ingeniería de cristales para el desarrollo de nuevos materiales».

Public offer of employment for a senior PhD researcher position.

1. General conditions of the position offered

1.1. Job title and classification:

Senior PhD researcher.

Group: A.

Subgroup: A1

1.2. Working hours: 37 hours per week.

1.3. Provision of the grant: the purpose of this grant will be to fund the salary, among other items. The monthly gross salary, full time, will be 3,146.55 (12 payments).

1.4. Functions and tasks to be carried out:

- Synthesis of MOF-type composites.
- Physical-chemical characterization of the synthesized compounds.
- Adjustment and modification of their physical-chemical properties.
- Preparation of reports and scientific articles in English.

1.5. Purpose and duration: synthesis of MOF composites for the controlled release of therapeutic agents in advanced therapies.

The contract will be determined by the duration of the line of research and budgetary availability.

Once the duration of this first project or its budget availability has ended, the person who is awarded the place may join other projects belonging to the same line of funded research.

1.6. Requirements

1.6.1. Qualifications: PhD.

1.6.2. Qualification: Degree in the Science Branch.

1.6.3. English: B2 level Certificate.

2. Scale

2.1. Scientific Production (up to 40 points): thesis supervision, publication of scientific articles, books, book chapters and monographs and presentation of work in scientific



meetings will be evaluated according to the Scale for the evaluation of the current Annual Research Report at the time of the publication of the call.

2.2. Preferential merits related to the purpose of the contract (up to 20 points): the Tribunal may agree to conduct an interview in order to better specify the evaluation of preferential merits.

- PhD in Chemistry.
- Experience in controlled release in mesoporous nanoparticles.
- Experience in biochemical assays.
- Experience in physical-chemical characterization techniques.

2.3. Participation in competitive research projects (up to 15 points):

2.3.1. For each year of certified participation as a full-time team member of research projects in competitive calls of the National R&D Plan or Autonomous Programmes, 3 points will be assigned.

2.3.2. For each year of certified participation as a team member of European research projects, 5 points will be assigned.

2.4. Participation in knowledge transfer activities (up to 15 points):

2.4.1. For each year of certified participation as a full-time team member of contracts and agreements to carry out research projects, 3 points will be assigned. Services, consulting and training activities are excluded from this scale.

2.4.2. For appearing as co-inventor/co-author of patents, utility models or other types of industrial or intellectual property, 5 points will be assigned.

2.5. Postdoctoral stays at universities and research centres other than the centre where the doctoral thesis was obtained (up to 10 points):

2.5.1. For each certified year of stays at other universities and research centres funded by competitive calls of the European Framework Programme, National R&D Plan or Autonomous Programmes, 5 points will be assigned. The stays must have a minimum duration of 30 consecutive days.

2.5.2. For each certified year of stays at other universities and research centres without competitive funding, 2 points will be assigned. The stays must have a minimum duration of 30 consecutive days.

3. Evaluation committee members

President: Eugenio Coronado Miralles, professor at the Departament de Química Inorgànica.

Member 1: Monica Gimenez Marques, professor at the Departament de Química Inorgànica.

Member 2: Amparo Chafer Ortega, professor at the Departament d'Enginyeria Química.

Member 3: Carlos Jose Gomez Garcia, professor at the Departament de Química Inorgànica.

Secretary: Rossella Cecilia Mello Centonze, professor at the Departament de Química Orgànica.

4. Alternate evaluation committee

President: Enrique Orti Guillen, professor at the Departament de Química Física.

Member 1: Guillermo Minguez Espallargas, professor at the Departament de Química Inorgànica.



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Member 2: Salvador Garrigues Mateo, professor at the Departament de Química Analítica.

Member 3: Carmen Molins Legua, professor at the Departament de Química Analítica.

Secretary: Laura Escuder Gilabert, professor at the Departament de Química Analítica.

For communication and any problems that may arise, the evaluation committee will be based at the Institut de Ciència Molecular (ICMOL), of the Universitat de València.

ANNEX IV

Project: «Nuevas medidas de observables cuánticos con quarks top y ajustes globales de Teorías de Campos Efectivas. (QUANTOP). CPI-25-691». co-financed by the State Research Agency -AEI- and by the Ministry of Science, Innovation and Universities, in charge of the research line: «Estudios de física de partículas para estudiar el origen del universo y el origen de la masa».

Public offer of employment for a senior PhD researcher position.

1. General conditions of the position offered

1.1. Job title and classification:

Senior PhD researcher.

Group: A.

Subgroup: A1.

1.2. Working hours: 37 hours per week.

1.3. Provision of the grant: the purpose of this grant will be to fund the salary, among other items. The monthly gross salary, full time, will be 3,146.55 (12 payments).

1.4. Functions and tasks to be carried out:

- Analysis of top quark pair production events recorded by the ATLAS detector to study quantum entanglement properties.

- Analysis of Higgs boson pair production events to study the self-coupling of this boson.

- Calibration of jets in the ATLAS detector.

- Some of these tasks will need to be carried out outside the University of Valencia, potentially requiring national and international travel.

- Supervision of doctoral students.

- Production and publication of scientific articles and reports.

1.5. Purpose and duration: analysis of ATLAS detector data recorded in Run-3 and studies of the properties of the top quark and the Higgs boson.

The contract will be determined by the duration of the line of research and budgetary availability.

Once the duration of this first project or its budget availability has ended, the person who is awarded the place may join other projects belonging to the same line of funded research.

1.6. Requirements

1.6.1. Qualifications: PhD.

1.6.2. Qualifications: Degree in Physics.

2. Scale



2.1. Scientific Production (up to 40 points): thesis supervision, publication of scientific articles, books, book chapters and monographs and presentation of work in scientific meetings will be evaluated according to the Scale for the evaluation of the current Annual Research Report at the time of the publication of the call.

2.2. Preferential merits related to the purpose of the contract (up to 20 points): the Tribunal may agree to conduct an interview in order to better specify the evaluation of preferential merits.

- PhD in Physics.
- Master in Physics.
- Postdoctoral experience.
- Postdoctoral contracts at internationally renowned centers in the field of physics.
- Research stays at prestigious laboratories in the area of particle physics.
- Participation in funded research projects.
- Publications in the field of experimental particle physics.
- Experience in the analysis of data from the ATLAS experiment, particularly in studies of top quark and Higgs boson physics.
- Experience in jet reconstruction and calibration.
- Experience in coordinating research groups.
- Marie Skłodowska-Curie PhD networks.

2.3. Participation in competitive research projects (up to 15 points):

2.3.1. For each year of certified participation as a full-time team member of research projects in competitive calls of the National R&D Plan or Autonomous Programmes, 3 points will be assigned.

2.3.2. For each year of certified participation as a team member of European research projects, 5 points will be assigned.

2.4. Participation in knowledge transfer activities (up to 15 points):

2.4.1. For each year of certified participation as a full-time team member of contracts and agreements to carry out research projects, 3 points will be assigned. Services, consulting and training activities are excluded from this scale.

2.4.2. For appearing as co-inventor/co-author of patents, utility models or other types of industrial or intellectual property, 5 points will be assigned.

2.5. Postdoctoral stays at universities and research centres other than the centre where the doctoral thesis was obtained (up to 10 points):

2.5.1. For each certified year of stays at other universities and research centres funded by competitive calls of the European Framework Programme, National R&D Plan or Autonomous Programmes, 5 points will be assigned. The stays must have a minimum duration of 30 consecutive days.

2.5.2. For each certified year of stays at other universities and research centres without competitive funding, 2 points will be assigned. The stays must have a minimum duration of 30 consecutive days.

3. Evaluation committee members

President: Nuria Rius Dionis, professor at the Departament de Física Teòrica.

Member 1: Maria Moreno Llacer, professor at the Departament Física Atòmica, Molecular i Nuclear.

Member 2: Francisco Javier Garcia Haro, professor at the Departament Física de la Terra i Termodinàmica.



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Member 3: Domingo Martinez Garcia, professor at the Departament de Física Aplicada i Electromagnetisme.

Secretary: Susana Planelles Mira, professor at the Departament d'Astronomia i Astrofísica.

4. Alternate evaluation committee

President Benito Gimeno Martinez:, professor at the Departament de Física Aplicada i Electromagnetisme.

Member 1: Luca Fiorini, professor at the Departament de Física Atòmica, Molecular i Nuclear.

Member 2: Abilio Candido Reig Escrive, professor at the Departament d'Enginyeria Electrònica.

Member 3: Gabriela Alejandra Barenboim Szuchman, professor at the Departament de Física Teòrica.

Secretary: Pascuala Garcia Martinez, professor at the Departament d'Òptica i Optometria i Ciències de la Visió.

For communication and any problems that may arise, the evaluation committee will be based at the Institut de Física Corpuscular (IFIC), of the Universitat de València.